

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 02:29:37 1994  
From: TOM.A.ADAMS@mail.admin.wisc.edu  
Subject: 600 Metre Receivers  
Date: Thu, 03 Nov 94 00:32 CST  
Message-Id: <EB303213.EB303225@mail.admin.wisc.edu>

to: boatanchors@gnu.ai.mit.edu

Hello Bob, and other 600 metre readers!

A few comments on long wave gear.

Re. ARC-5 aircraft radios:

One winter when I was bored out of my skull, I wound up with an old ARC-5 "Q-5er", and got heavily into modifying it for the best possible long wave reception. Most irritating was a VERY high noise level, in the form of a rough, raspy AC hum at the low end of the tuning range. Of all the things I did to the radio, this modification was the most dramatically effective at lowering the internal noise level, not to mention that the mod also eliminated virtually ALL front end overload effects / birdies from AM broadcasters.

If you check out the schematic, you'll note that the antenna is connected to the hot end of a single winding input coil thru a capacitor. It is readily apparent that this kind of input circuit isn't real effective in terms of impedance matching (input  $z$  is VERY high), nor is it very selective.

I pulled the coil rack from the bottom of the radio, found the antenna coil can, and removed it from the rack. Pulling the shield, I wound a link coil on the form beneath the main winding (perhaps 25 - 30 turns of the smallest wire I had handy; it didn't seem to be at all critical), and tied the end of the link to one of the unused plug-in terminals on the form. In the radio, I moved the lead to the input capacitor from the terminal for the main winding, to the in terminal corresponding to the one that I'd appropriated for the new link winding. BTW, the other end of the link is connected to the ground terminal used by the cold end of the main winding.

I highly recommend this simple change; the difference in rejection of stray crud and improvement in S/N ratio is indeed startling.

I envy the number of 500 KHz sigs you can pick up there Bob. About the only stuff I can hear here in southern Wisconsin is a pretty fair signal (maybe 579 or 589) out of WLO, and I only get that in the dead of winter when the natural noise level is way down. When I first started listening to this range I was a bit surprised that there aren't any Great Lakes stations there (I especially expected to hear Lorraine, Ohio and Roger's City, Michigan). Sure, most Great Lakes traffic is on HF SSB nowadays, but there's still some CW on the U.S.

Steel ore boats out of Duluth / Superior (a vanishing breed), and on all of the ocean going stuff that takes the St. Lawrence Seaway thru the lakes to Duluth to haul out grain. But I digress...

I've always been unconventional, and ever since high school I've been intrigued by long wave gear (something the short wave loving brethern in the school ham radio club could never understand). Since the age of 12 I've probably owned 100 or more receivers, and perhaps a quarter of them were obtained because they had some form of long wave / VLF coverage.

Of these sets, I've still got several BA-type rigs.

-- R-1134 / WRR-3: probably the best military LF/VLF I've ever encountered (and I've seen quite a few). Cold War vintage tube job, built for the Navy and USCG by Magnavox. 14 - 620 KHz, double conversion, miniature tubes, mechanical digital frequency readout like R-390 series, modular construction. Good sensitivity, dual input impedances, excellent stability. Drawbacks include an odd one; for my money, TOO MUCH selectivity! The beast has two crystal lattice filter positions, bandpasses of 3 KHz and 300 Hz. Both are too narrow to give a good accounting on AM signals, but they're SUPERB on CW and RTTY. Also, the front end seems overly noisy at high RF gain settings; I suspected that mine was defective, and going into oscillation. After tuning a couple of other examples tho, I've concluded that the noisyness is just a characteristic of the design. All in all tho, if this isn't the finest receiver available for hunting LOFERS and aircraft navigation beacons (as well as marine stations), it has to be pretty close to it.

--National RBL-5: Rather good looking WW2 regenerative TRF built for the Navy. Covers 14 - 650 KHz in 6 bands. This radio is great fun; as far as I'm concerned, this rig is a definitive boatanchor! For those who never learned how to get the best out of a regen, it will be a disappointment, but for Ol' Farts this rig will bring a tear of joy and nostalgia to the eye. The tuning is kinda broad, and it's heavy enough to give King Kong a double hernia, but it's well worth the trouble.

--Hammarlund SP-600 JL or JLX: I'd much prefer to own an SP-600VLF, but untill one comes along, this will do. This rig is less of a specialist set than the other two, covering 100 - 400 KHz and 1350 - 30,000 KHz. Anyone who's ever used an SP-600 in good repair and alignment knows that we're talking one of the classic receiver designs of all time; well, the low frequency version is every bit as good. Incidentally, the JL suffix denotes the low frequency version, WITHOUT the crystal control option. This beast is probably my favorite LF rig right now. It doesn't have the front end selectivity of the WRR-3, but it can still clearly separate beacon ZBB (Bimini, Bahamas) @ 396 KHz from the local (3 miles away) MS @ 400 KHz! Too bad it doesn't cover the 400 - 540 KHz range; that's one reason I want the SP-600VLF and / or the Collins R-389.

--BC-348 series: WW2 veteran that covers 200 - 500 KHz and 1.5 - 18 MHz.  
This rig was the long range liason receiver in the B-17, B-24, and early versions of the B-29 bomber. In B-17 and B-24 it was mated to BC-375 xmtr, and in the B-29 it was mated to the ART-13 xmtr; in the B-29 it was later replaced by the R-105 autotune receiver. Not a bad little receiver on LF, but nothing to jump up and down about either. Still, it's really a ham's classic, and another versatile (non LF specialist) radio, quite suitable for guys on a budget, and who aren't brain damaged enough to keep a dozen or so boat anchors around like I do!

Well, this thing has gone on too long. Time to cut it off.

73's,

Tom "Mr. T" Adams, K9TA

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 12:55:43 1994  
Date: Thu, 3 Nov 1994 10:52:12 -0500  
From: Nick England <nick@cs.unc.edu>  
Message-Id: <199411031552.KAA09451@altair.cs.unc.edu>  
Subject: 811A for Collins 30L-1

I see that the "Collins Gray Sheets" newsletter also endorses the Russian 811A for use in the 30L-1.

Pride Tubes is also a source 800-638-3925

Nick KD4CPL  
nick@cs.unc.edu

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 11:02:20 1994  
From: chuck.rippel@exchange.exchange.com (Chuck Rippe1)  
Subject: <didn't bother with a subject>  
Message-Id: <2d.62698.350.0C90D374@exchange.exchange.com>  
Date: Thu, 3 Nov 94 10:00:00 -0500

SUBSCRIBE BOATANCHORS CHUCK RIPPEL

Chuck...

Message compiled at 08:53 on 11/03/94

---

Chuck Rippe1

chuck.rippel@exchange.com  
CompuServe 72571,1046 (Via GoCIS 1.01)

---

\* CmpQwk 1.401 #194 \*

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 02:04:37 1994  
Date: Thu, 03 Nov 94 06:12:59 UTC  
Message-Id: <2236@ki5sl.ampr.org>  
From: ki5sl@ki5sl.ampr.org (Rick\_Blank)  
Subject: AN/FRR-21

Hey guys, I got a problem....

Earlier this summer I picked up an AN/FRR-21 receiver.  
The problem is that I need info and manuals, etc, for it....I have  
no power connector, etc., either,so, anyone that may know  
something would be especially appreciated.

The AN/FRR-21 nomenclature tag has: Radio Receiving Set  
S/N: 243  
(I deleted a little 1-Radio R-501/FRR-21  
but this is most Navy Department Bureau of Ships  
of the tag)-----> Radio Corporation of America  
Contract NObsr-57135

This unit tunes from 14 to 600 kilocycles, is totally tubular, er,  
valve filled, and looks real neat, so, maybe for this winter's LF  
stuff I can get the thing going....I looked in Fair Radio's  
catalog and they did not list it, so, may have to call around if  
th eBA group can't help....but I have a feeling someone will know  
something!

Thanks and 73 in advance....

Rick Blank, KI5SL  
ki5sl@sat.ampr.org  
2223 Blanco Road  
San Antonio, Texas 78212  
end

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 13:22:17 1994  
From: dlkerl@cmack.b11.ingr.com (Dan Kerl)  
Message-Id: <199411031459.AA06503@cmack.b11.ingr.com>  
Subject: Re: Coil winder for sale  
Date: Thu, 3 Nov 94 8:59:28 CST

>  
> I'm in the process of trying to recover some space presently occupied by  
> lesser used items and have decided that the Stevens coil winder must go. It's a  
> model 38AML and is pretty much complete. There is some limited documentation  
> and only one cam for winding, but the company is still in business under the  
> name of Dreisilker Electric in Chicago. Different cams and other parts are  
> still available from them. I paid \$100 for it several years ago, but I'm not  
> trying to recoup my total outlay of cash. Any reasonable offer will be  
> considered and the buyer will pay shipping. E-mail me directly if you want more  
> details. 0093373@ccmail.hac.emis.com

>  
> -Jim N6SVS  
>

I'm interested in this device. I don't appear to be able to reach the Email  
address given in the post. James, if you could sent me an alternate means  
of contact I'd appreciate it.

Thanks!

Dan Kerl  
dlkerl@ingr.com

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 12:25:56 1994  
Message-Id: <9411031535.AA14041@mts-gw.pa.dec.com>  
Date: Thu, 3 Nov 94 07:36:12 PST  
From: "Nothing in moderation....!" <brewer@anarchy.enet.dec.com>  
Subject: Dan, I'll send you a copy of the FAQ right away..../john

its on its way to yo u Dan.  
73/john wb5oau

there a copy of the FAQ available somewhere that I could get and mail  
to him?? Forgive me if this has been covered. I checked the archives  
at SunSite and didn't have time to look through the mass of good stuff  
stored there. Can anyone help? Thanks es 73 de Dan -- WA0JRD

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 03:01:20 1994  
Message-Id: <m0r2v0t-0007RwC@beacons.cts.com>  
Subject: Re: FAQ  
Date: Wed, 2 Nov 94 21:47:06 PST  
From: Kevin Sanders <kevin@beacons.cts.com>

[dw] > Problem is,as we know,the is no way to subscribe right now.

Yes, Virginia, there is a way to subscribe. A couple of weeks ago I  
set up a secondary reflector, tied into the main one. It functions just  
the same as the main list, with some additional latency. Sorry to those  
folks who have already seen it, I'll post the announcement again:

\*\*\*\*\* NOTICE: NEW BOATANCHORS SATELLITE LIST IS ON-LINE \*\*\*\*\*

In hopes of allowing folks who wish to participate in the Boatanchors List to do so in spite of the frozen state of the list at ai.mit.edu, I have set up a satellite list server on my home machine. My server will allow users to subscribe to and unsubscribe from the list, get list archives, etc.

All messages I receive from the main list will be forwarded to subscribers of the satellite list, and all postings to my satellite list will be forwarded to the main list.

To subscribe to the satellite list, send mail to [listproc@beacons.cts.com](mailto:listproc@beacons.cts.com). The mail should have an EMPTY SUBJECT LINE, and the body of the message should contain

SUBSCRIBE BOATANCHORS MY REAL NAME

Your email address will be taken from the mail header, so put your full name in place of MY-REAL-NAME. Put nothing in the subject line; if you do the message will be ignored.

To unsubscribe, send mail to [listproc@beacons.cts.com](mailto:listproc@beacons.cts.com) with an empty subject line and the following message body:

UNSUBSCRIBE BOATANCHORS

If you need help, a message to [listproc@beacons.cts.com](mailto:listproc@beacons.cts.com) with the line HELP in the body will get you started.

To post to the list, you may post to [boatanchors@beacons.cts.com](mailto:boatanchors@beacons.cts.com) and your message will be forwarded to the main list. For faster propagation, you may also post directly to the main list, at [boatanchors@gnu.ai.mit.edu](mailto:boatanchors@gnu.ai.mit.edu).

Due to bandwidth limitations on my Internet connection, I am limiting the number of subscribers to the satellite list to 25.

If you have problems, please email me at [kevin@beacons.cts.com](mailto:kevin@beacons.cts.com).

73,

Kevin Sanders  
KN6FQ

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 12:14:59 1994  
Date: Thu, 3 Nov 1994 09:46:47 -0500 (EST)

From: Tony Stalls <rstalls@access.digex.net>  
Subject: HAMMARLUND Parts Source  
Message-Id: <Pine.SUN.3.91.941103093535.28276B-100000@access1.digex.net>

If you're repairing or restoring a Hammarlund radio, you might try:

Amateur Radio Surplus  
1215 Winifred  
Jackson, MI 49202-1946

Phone: 517-789-6721

This is a small "labor of love" business started by Robert Fowle. (I don't think he's getting rich doing this!) Anyway, he has managed to acquire a lot of the parts inventory from the old Hammarlund Company and can come up with things that probably have never believed were still around. You might also try him for original and reproduced manuals.

As an example of my experience with him, my HQ-180-AX has a bad switch on the three section RF gain pot and Robert had an original replacement part in stock! On top of that, he seems to be a pretty nice guy who's a real Hammarlund cheerleader.

73,

Tony Stalls, K4KY0

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 20:27:48 1994  
Date: Thu, 3 Nov 1994 16:45:09 -0700  
Message-Id: <199411032345.QAA20546@Freenet.HSC.Colorado.EDU>  
From: al511@freenet.hsc.colorado.edu (Robert Neece)  
Subject: HT-32B

Hello Jack,

You write to boatanchors:

>The HT-32B was, I think, the best of the Halli xmitters.

I believe you know that I heartily concur in your opinion. Indeed, I consider the 32B to be the best piece of gear of any kind that Hallicrafters made. In purity of signal, I rank the HT-32B even above the Collins 32S-3. The carrier suppression was amazing (stable, too), and the audio quality was splendid.

My own HT-32B had the most linear, most accurately calibrated VFO (Hallicrafters called it a CT0, for crystal-tuned oscillator) of any analog rig I have ever seen. Beat my 75A-4 PT0 hands down. The thing was like a frequency meter.

The few other Hallicrafters items for which I have any real weakness include the SX-73, SX-88, SX-101 (original model with 160 meters, not later models with 6 meters), SX-112, and SX-115.

>I had a full  
>deck of ten meter xtals, modified (gasp! ;^) the audio deck to use a  
>6JH8 rather than one of those touchy damned 7360s... the Swan rigs  
>used both tubes in different models, and the 6JH8 was more reliable,  
>handled LOTS more audio power, and cost about 1/3 of a 7360. I copied  
>the circuit of the Swan 250 (saw one for sale at Chattanooga this  
>weekend) and had marvelous success with the rig. Great sound, strong  
>signal...the whole nine yards.

Interesting about the modulator mod.

>Sadly (though my wife is sure happy) I  
>sold the HT-32B to a chap from Indiana, who put it on the air (why  
>else have the bloody thing?

Because it was pretty to look at!

>Heavy. Solid. Nearly indestructable. A great transmitter that listed  
>for \$695 in 1958!

You are right on target, Jack.

--

73 de Bob, K0KR

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 22:50:37 1994  
Message-Id: <MAILQUEUE-101.941103200537.448@vilas.uwex.edu>  
From: "Terry O'Laughlin" <OLAUGHLIN@vilas.uwex.edu>  
Date: 3 Nov 94 20:05:37 CDT  
Subject: Re: HT-32B

> >Sadly (though my wife is sure happy) I  
> >sold the HT-32B to a chap from Indiana, who put it on the air (why  
> >else have the bloody thing?  
>  
> Because it was pretty to look at!



No, because the orange paint was flaking off the meter needle. I've had three HT-32s and they've all done this. (My only complaint)

73s      Terry O'      WB9GVB

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 14:36:18 1994  
Message-Id: <m0r36Tw-0002A9C@aupair.cs.athabascau.ca>  
Date: Thu, 3 Nov 94 11:01 MST  
From: tech@cs.athabascau.ca (Richard Loken)  
Subject: Is Pat Higgins (phiggins@zigzag.cv.com) still on the list?

Is Pat Higgins still with us?

I sent him a photocopy of the DX60 manual for which I was to get a fiver but I haven't seen a fiver and my mail doesn't seem to get replies.

Are you still out there Pat? I know its only \$5 but hey...

Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those  
Athabasca University : tuques we wear, our heads  
Athabasca, Alberta Canada : are naked!"  
\*\* tech@cs.athabascau.ca \*\* : - Aurthor Black

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 15:54:46 1994  
Message-Id: <9411031809.AA26873@wrdis01.robins.af.mil>  
Date: Thu, 3 Nov 94 13:09:45 -0500  
From: lakeith@wrdis01.robins.af.mil ( Larry CONTRACTOR Keith Mr.)  
Subject: Jack Darr's Service Clinic books

Someone (I lost the message..) asked if Jack Darr's service tips were ever compiled and published.. I have two compilation books,

1. Jack Darr's Service Clinic, compiled by James Belt. Gernsback Library # 133, published in 1967. The intro says that the items in this book were selected, by Darr, for their special interest or timeliness. Nine chapters and an index.. Although most of service tips are TV-related, the chapter on service techniques and hints, the chapter on radio, audio and recorders and the chapter on Testing and Test instruments make it useful to anyone interested in electronics.

2. Jack Darr's Service Clinic Number 2. Tab Boooks # 566, published in 1971. Intro says that this book picks up where number 1 left off and contains tips that were published in the previous 3 years of Radio-Electronics Magazine..

The back of the Tab book lists other Tab books. Among them is "How To

Test Almost Everything Electronic." I think I have that one, too.  
Will have to look.

There you go, more about Darr than I thought I knew!

73,

Larry, KQ4BY

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 23:21:19 1994  
From: TOM.A.ADAMS@mail.admin.wisc.edu  
Subject: LF/VLF antennas & users  
Date: Thu, 03 Nov 94 20:45 CST  
Message-Id: <EB3K4529.EB3K4539@mail.admin.wisc.edu>

to: boatanchors@gnu.ai.mit.edu

Hello Gary.

Re. long wave antennas:

I use long wires here occasionally, but my main LF / VLF antenna is an active antenna, mounted on a fence post in the backyard, with an 8 foot CB whip on top.

To save the hassle of designing and building one of these things (I'm essentially lazy) I found a short cut. One of the mail order houses a couple of years ago came up with a bunch of unused active antennas that were surplus from a fairly cheap LORAN C receiver intended for pleasure boats. The sealed plastic housing on it had a 1/4-24 threaded hole that matched the CB whip perfectly. It was necessary to make up a power inserter (to power it thru the coax) in a Rat Shack minibox; this was but a half hour's work. Incidentally, I power the antenna with 12 volts worth of penlite batteries, rather than an AC adaptor; on LF the AC line is a powerful noise source, and battery power will totally isolate the antenna from this problem. Even with heavy use, the batteries are good for about a year.

The antenna was intended for fixed frequency operation at 100 KHz, but it seems to work very well from 5 KHz to 700 KHz. The only drawback seems to be that in my location it's almost useless during the daytime; local daytime only AM stations overload it, cross modulate each other, and generally raise hell. Luckily, you don't DX on longwave during the daytime; at night this thing is excellent.

I encountered one bit of irony in this whole thing tho. Since getting this El Cheapo antenna, I've also come into possession of more professional active antennas (i.e., mostly military surplus, or at least MIL spec). They don't work

nearly as well for VLF listening as the cheap one. The reason is simple.

The military and high end professional jobs contain a bandpass filter on the input, centered at 100 KHz. This is to eliminate the previously mentioned AM broadcast birdies. The cheap antennas usually contain only a simple low pass filter on the input, probably rolling off at about 500 KHz.

I'm not sure of how bad the cost would be, but it might well be worth it to hit the local marina for a cheap replacement LORAN-C antenna for this purpose. I was lucky on that score; the sale flier I got had them NIB for \$15.00 a copy (they were selling them as mounts for CB whips!), including mounting hardware and 35' of passable quality coax with a BNC connector on the end.

Re. who's on LF with RTTY:

Below about 100 KHz you're gonna run into a LOT of military RTTY, mostly in very narrow shifts (like 60 Hz or narrower), and virtually all encrypted (there ARE occasional exceptions, tho).

In the 100 - 200 KHz range I'm currently reading a number of Canadian naval and maritime stations transmitting in the clear, and CFH @ 123.0 KHz even does a lot of FAX weather charts! In the same area (I don't remember the exact frequency offhand) I've been getting nightly press transmissions in German from, I believe, Hamburg. This is an FSK transmission in an FEC error correcting mode.

Probably the easiest and most consistent LF RTTY catch is the NAVTEX transmissions on 518 KHz. The transmissions are in SITOP B mode (this is another error correcting mode), and even under poor receiving conditions the copy is incredibly clean. I've probably copied transmissions here from 15 or 20 different countries. The transmissions are mostly marine weather forecasts, hazard to navigation notices, and occasional press synopsis.

Besides the RTTY transmissions and the aviation beacons, one of my main targets on LF is European and Asian broadcasters in the 150 - 400 KHz band. In the dead of winter the BBC and R. Monte Carlo have been known to come thru, occasionally strong enough for audio to be copyable. I still dream the impossible dream and occasionally take a shot at R. Ulan Bator in Outer Mongolia! So far, not a hint of a carrier tho.

Good Hunting,

Mr. T., K9TA

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 12:36:58 1994  
Date: Thu, 3 Nov 1994 10:11:13 -0500  
From: Nick England <nick@cs.unc.edu>  
Message-Id: <199411031511.KAA09211@altair.cs.unc.edu>  
Subject: more forward

DO NOT REPLY TO ME - I AM JUST FORWARDING AN INTERESTING  
MESSAGE FOR THOSE OF YOU WITHOUT NEWSGROUP ACCESS

=====  
rec.radio.swap #16162 (2 more)  
>From: af104@detroit.freenet.org (Jeffrey L. Bauman)  
Subject: Want 75A1 Manual  
Date: Tue Nov 01 18:20:31 EST 1994  
Organization: The Greater Detroit Free-Net  
Lines: 6

Looking for subject Manual or photocopy.

Thanks,  
Jeff, WB5KZW  
email or 810-855-9209

=====  
rec.radio.swap #16163 (2 more)  
>From: af104@detroit.freenet.org (Jeffrey L. Bauman)  
Subject: Selling Central Electronics Sideband Slicer  
Date: Tue Nov 01 18:22:36 EST 1994  
Organization: The Greater Detroit Free-Net  
Lines: 12

This unit replaced the IF in older AM receivers, facilitating  
USB / LSB reception.

Unit is in unknown condition, but alledged to work!

Includes original manual.

email,  
or 810-855-9209  
Asking \$20.

=====

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 11:26:55 1994  
Date: Thu, 3 Nov 1994 10:05:32 -0500  
From: Nick England <nick@cs.unc.edu>  
Message-Id: <199411031505.KAA09181@altair.cs.unc.edu>  
Subject: Multi Elmac - FORWARDED

DO NOT REPLY TO ME - I AM JUST FORWARDING AN INTERESTING  
MESSAGE FOR THOSE OF YOU WITHOUT NEWSGROUP ACCESS

=====

rec.radio.swap #16160 (5 more)  
>From: af104@detroit.freenet.org (Jeffrey L. Bauman)  
Subject: Multi Elmac AF-68 For Sale  
Date: Tue Nov 01 18:17:15 EST 1994  
Organization: The Greater Detroit Free-Net  
Lines: 9

Multi-Elmac AF68 - 80 - 6 meters, plate modulated 6146. Looks  
and works fine. Truly "vintage" am / cw gear. \$75 obo.

Call (810) 855-9209 days, or email here.

Thanks,  
Jeff WB5KZW (near Detroit)  
PS: Also includes Model 1070 AC/DC supply and original manual.

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 12:57:56 1994  
Date: Thu, 3 Nov 94 10:40:45 CST  
Message-Id: <9411031640.AA22214@unlinfo2.unl.edu>  
From: djw@unlinfo.unl.edu (Daniel Wright)  
Subject: Re: Multi Elmac - FORWARDED

>  
>DO NOT REPLY TO ME - I AM JUST FORWARDING AN INTERESTING  
>MESSAGE FOR THOSE OF YOU WITHOUT NEWSGROUP ACCESS  
>  
>=====

>Multi-Elmac AF68 - 80 - 6 meters, plate modulated 6146. Looks  
>and works fine. Truly "vintage" am / cw gear. \$75 obo.

>  
>Call (810) 855-9209 days, or email here.

>  
>Thanks,  
>Jeff WB5KZW (near Detroit)  
>PS: Also includes Model 1070 AC/DC supply and original manual.

Uhhhh...er,um...don't bother guys...I GOT IT!!!!

Enough spending already!!!! I'm going to quietly crawl back into my  
shack and begin to spend some time on a few thousand projects that I  
have to do.....I LOVE WINTER!!! Plenty of time for BA-stuff!

73 de Dan -- WA0JRD

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 18:35:56 1994  
From: azoth@netcom.com (Az0th)  
Message-Id: <199411032214.RAA06128@netcom.netcom.com>  
Subject: Need (OK, want...) Drake Filters  
Date: Thu, 3 Nov 1994 17:14:46 -0500 (EST)

I was looking around the other day for things to throw money at, and I noticed a couple of empty filter positions on my Drake R-4C that probably don't really need to stay empty. Could anyone here point me in the direction of 6kc and 1.5kc units for this radio? Does Drake still sell them, and how dearly? Thanks in advance.

RF Buchanan

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 20:29:56 1994  
From: djw@unlinfo.unl.edu (daniel wright)  
Message-Id: <9411040015.AA21999@unlinfo.unl.edu>  
Subject: non Variac facts  
Date: Thu, 3 Nov 1994 18:15:05 -0600 (CST)

Many thanks to all who responded to my query about the "variac" that only went down to 70 volts with a "HUH??"

The beast is an "Adjust-A-Volt" variable transformer NOT a variac! MY humble apologies for shooting off my big mouth before thoroughly examining the merchandise!!!! It is a nice big-'ol'nasty chunk of iron core with windings around it and a wiper for a "tap" to take off the desired voltage. When the wiper is at one end of the windings the thing puts out 70 volts. When at the other end of the windings the output is 150 volts. Kinda like what old clothes irons used to plug into for a sort of temperature control.....It's good for 5 amps.

My question remains; at what voltage do you start when bringing up a rig that has not been powered for a long time? Zero volts? Is 70 volts low enough? To what minimum voltage do you adjust the variable transformer? How long do you hold it there before going to the next voltage level? What is the next voltage level? In what increments do you raise the voltage? OK.I lied,that's more than one question..[;-)

Thanks guys!!

73 de Dan -- WA0JRD

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 14:21:25 1994  
Date: Thu, 3 Nov 1994 12:15:21 -0500

Message-Id: <199411031715.MAA01059@jayne.graceland.edu>  
From: murdock@graceland.edu (Steve Murdock)  
Subject: old radio's

Is this a "place" to ftp to to see/leave information about buying/selling old radio's? if so, could someone -mail me info on how to log on?

Thanx

Steve Murdock  
murdock@graceland.edu  
(515) 784-5281  
Division of Science & Math  
Graceland College  
Lamoni, IA 50140

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 13:29:24 1994  
Message-Id: <9411031551.AA24694@wrdis01.robins.af.mil>  
Date: Thu, 3 Nov 94 10:51:52 -0500  
From: lakeith@wrdis01.robins.af.mil ( Larry CONTRACTOR Keith Mr.)  
Subject: Pre-Thanksgiving Sale, Part 3

36. PRC-9 (27-39 MHz), as used in Vietnam, with both long and short range antennas, battery box (no batteries), H-33 Handset, sT-120 Carrying Harness. Clean rig. Untested. \$140

37. PRC-10 (38-55 Mhz) same description as PRC-9. \$150

38. AN/CPRC-510, Canadian version of our PRC-10. Parts interchange. \$125

39. BC-659, WWII Vehicular Transceiver. Incomplete, missing 2 tubes and the case. Very clean. \$75

40. ARC-21 Radio, used in B-36 and B-52 aircraft. On shockmount, with control box, pressurized case. Covers 2-24 MHz. Excellent, missing radio-case clamp. Uses 4 each 4-65A's in the PA section. \$205

41. HELMET RADIO SET, AN/PRT-4 Transmitter and AN/PRR-4 helmet mounted receiver. Appears complete, with antennas, no batteries. \$135.

42. AN/PRT-4 Transmitter, only. Appears new. \$75.

43. RT-976A/PRC-75, UHF Hand-held AM Transceiver. Ground/Air Tactical Combat Radio. With antenna, no battery. Appears unused since reconditioning. Untested. \$205

44. RT-654A/TRC-77 Deal! 2 each TRC-77s, both appear New. 2 each Bag, Cotton Duck, CW-618/TRC-77, as new. 1 each J-45 leg mount telegraph key. 2 each Headset H-140A/U, used, perfect. 3-3.8 MHz Antennas, NIB, 2 each. 3.8-5.5 MHz Antennas, NIB, 1 each. 5.5-8.0 MHz Antennas, NIB, 2 each. Counterpoise, 50' copper, NIB (2 ea). Antenna Guys w/hardware, NIB, 3 each. Lead Guy Weights, NIB, 4 ea. Cable CX11380/TRC-77 w/connectors, NIB, 1 each. No battery boxes available. Sold as a set only. \$700

45. RT-7/APN-1 Receiver-Transmitter for airborne navigation system, appears complete. No further data. R-602/APW Receiver, appears complete. Both items for \$50.

All items listed subject to prior sale. Items are not checked, unless indicated. Buyer pays shipping.

If you are interested, please contact me.

73,

Larry Keith, KQ4BY  
lakeith@robins.af.mil

From owner-boatanchors@gnu.ai.mit.edu Fri Nov 4 00:06:32 1994  
Message-Id: <MAILQUEUE-101.941103215205.448@vilas.uwex.edu>  
From: "Terry O'Laughlin" <OLAUGHLIN@vilas.uwex.edu>  
Date: 3 Nov 94 21:52:05 CDT  
Subject: R-390 dynamotor

Yes, you read the subject right. An R-390 dynamotor.

Has anyone ever seen one?

Not that I want to buy one, but it's pictured in my "Final Engineering Report on Radio Receivers R-389( ) and R-390( )." The nomenclature plate in the picture says "Power Supply DY-78(XC-2)/URR".

An R-390 on 28VDC (8 amps according to the picture). If you want to mount your R-390 on your jeep, I guess you've gotta have one.

73s Terry O' WB9GVB

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 17:25:32 1994  
Message-Id: <9411031837.AA11430@wrdis01.robins.af.mil>  
Date: Thu, 3 Nov 94 13:37:08 -0500  
From: lakeith@wrdis01.robins.af.mil ( Larry CONTRACTOR Keith Mr.)  
Subject: Receiver Roost



Well, my new receiver roost is resting comfortably in the back of the pickup. It used to be some electronic thingy sitting forlornly in the surplus emporium where I go to squander my allowance. After much discussion, the proprietor and I agreed that I would purchase this 5 foot equipment cabinet, if he would strip the equipment from it, first. It has a cabinet door, removeable sides, and a removeable back. The paint is hardly scratched and it somehow escaped the usual dinging associated with the transfer of surplus electronic equipment >from one dealer to another. I't only drawback is a lack of casters. But, I think I spied a barrel of casters up in the other end of the lot. So, that is a temporary problem that can be solved with some Yankee money and a half hour of work with the drill.

Old James, the Vice President in charge of lifting and other mundane affairs, had to solicit some assistance from one of his co-workers to get the thing in the back of my truck. Then, he graciously declined to follow me home and help me unload it. So, I have drafted KA4GA0, a refugee from Long Island, to help me get it into the garage and hidden before the XYL comes home.

So, the next bright, sunny weekend day that I am not hamfesting, will find me cheerfully cleaning and polishing my new cabinet while I plan the installation of some shelves to accommodate the SP-600, HQ-129-X, HQ-110, and the BC-348. I already have the coax switch and the power strip that will get installed. And, I think there will be enough room to mount a good speaker near the top.

Wonder if I could sneak away from work, a little early, and get the space by the table cleared before Jerry shows up... Nah.. Better hang around. I have already had enough fun for one day.

73,

Larry, KQ4BY

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 13:31:51 1994  
Date: Thu, 3 Nov 94 11:12:47 CST  
Message-Id: <9411031712.AA27183@unlinfo2.unl.edu>  
From: djw@unlinfo.unl.edu (Daniel Wright)  
Subject: Variac facts

If you think that I have nothing better to do than terrorize the Internet....you're right,sort of. I get real busy this time of year, but all the work is on the weekends..[:-(...

I picked up a variac manufactured by the Standard Electrical Products Company of Dayton,Ohio. It's lowest voltage is 70 volts. I verified this with a digital voltmeter. My question is; is this a low enough voltage to start

with when "bringing it up slooooww"? Should I look for a variac that goes to zero volts? How long should I stay at each voltage as I increment the value upward? Is there a faq on this? Boy!....I need to pay better attention..  
mumble,mumble...73 de Dan -- WA0JRD/djw@unlinfo.unl.edu

From owner-boatanchors@gnu.ai.mit.edu Thu Nov 3 17:42:21 1994  
Date: Thu, 3 Nov 94 16:14:33 EST  
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>  
Message-Id: <69901.morgan@speckle.ncsl.nist.gov>  
Subject: WANTED Manual for WILCOX ELECTRIC 99A XMTR

(This is for Charles Preston (who may have posted it earlier):

WANTED: Manual for WILCOX ELECTRIC 99A XMTR, used by the airlilne industry in the mid 40's to 50's.

Any info appreciated, e-mail to me: morgan@speckle.ncsl.nist.gov

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899  
(National Institute of Standards and Technology, formerly NBS)  
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov  
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